“One Meter” Power Monitoring System (10 channels, 4 visible at left).

- Generators
- Xantrex Inverters
- Batteries
- Hab
  - Observatory
  - Greenhab
  - Solar Panels

Diagram:
- a ➔ Generators ➔ Xantrex Inverters ➔ Batteries
- b ➔ Hab ➔ Observatory
- c ➔ Hab ➔ Greenhab
- d ➔ Hab ➔ Solar Panels
- e ➔ Hab ➔ Observatory
- f ➔ Hab ➔ Greenhab
- g ➔ Hab ➔ Solar Panels
- h ➔ Hab ➔ Solar Panels
- i ➔ Hab ➔ Solar Panels
- j ➔ Xantrex Inverters ➔ Batteries
Agent-Based System Integration

Habitat Power Support System

OneMeter

Generator

Inverter

Crew Member

Procedure GUI

rialist Speech System

Crew Member Support System

Habitat Command System

Public Console

rialist Speech System

Compendium
OneMeter telenets data to Communication Agent (CA), which forwards it to Power Monitoring Agent...
Crew Member’s voice inquiry is formalized by RIALIST and relayed via CA to his/her Personal Agent.

(on laptop computer for this crew member on lower deck)...
Crew Member’s Personal Agent sends inquiry to Power Monitoring Agent...
Power Monitoring Agent sends response text to Personal Agent...
Personal Agent submits response text to RIALIST for conversion to speech

(transmitted on Crew Member’s headset)